

INCH-POUND

MIL-PRF-49470/5B
14 December 2000
SUPERSEDING
MIL-PRF-49470/5A
11 January 2000

PERFORMANCE SPECIFICATION SHEET

**CAPACITOR, FIXED, CERAMIC DIELECTRIC, SWITCH MODE
POWER SUPPLY (GENERAL PURPOSE AND TEMPERATURE STABLE),
STANDARD RELIABILITY AND HIGH RELIABILITY,
ENCAPSULATED, VERTICALLY STACKED, STYLE PS05**

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification and MIL-PRF-49470.

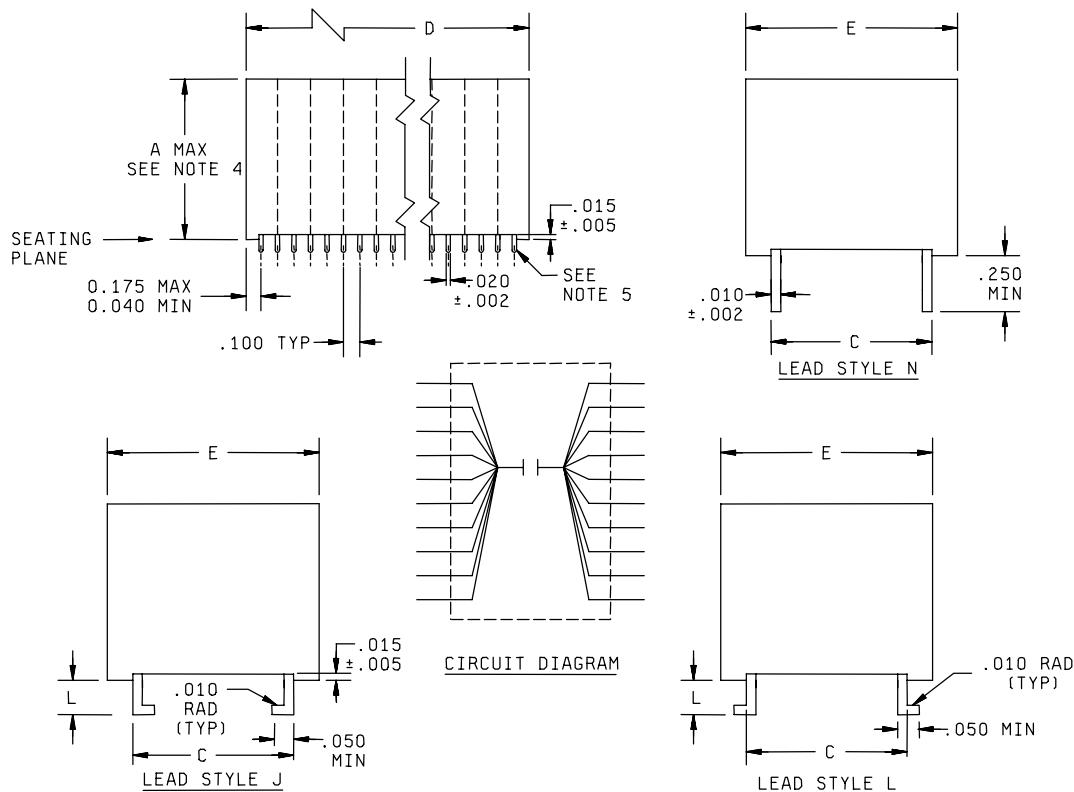


FIGURE 1. Style PS05 capacitors.

Dimensions				
Case code	C ± .025	D ± .025	E (max)	Number of leads per side
1	.450	2.155	.580	20
2	.800	1.615	.950	15
3	.450	1.155	.580	10
4	.400	.485	.485	4
5	.250	.355	.355	3
6	1.250	2.155	1.430	20

Symbol (last digit of PIN)	Lead style	Height profile (Dimension A)	Formed lead length, L (inches)
N	N (straight)	Standard	N/A
L	L (formed)	Standard	.070 ± .010
M	L (formed)	Standard	.045 ± .010
J	J (formed)	Standard	.070 ± .010
K	J (formed)	Standard	.045 ± .010
A	N (straight)	Low	N/A
B	L (formed)	Low	.070 ± .010
D	L (formed)	Low	.045 ± .010
C	J (formed)	Low	.070 ± .010
F	J (formed)	Low	.045 ± .010

Inches	mm
.002	0.05
.010	0.25
.020	0.51
.025	0.64
.050	1.27
.055	1.40
.070	1.78
.100	2.54
.224	5.69
.250	6.35
.275	6.98
.300	7.62
.350	8.89
.400	10.16
.425	10.80
.440	11.18
.450	11.43
.500	12.70
.800	20.32
.870	22.10
.950	24.13
1.075	27.30
1.250	31.75
1.350	34.29
1.450	36.83
1.535	38.99
1.950	49.53
2.075	52.70

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are ±.010 inch (0.25 mm).
4. See table I for specific maximum A dimension. For all lead styles, the number of chips is determined by the capacitance and voltage rating.
5. Lead alignment within pin rows shall be within ±.005 inch (0.13 mm).

FIGURE 1. Style PS05 capacitors - Continued.

REQUIREMENTS:

Precautionary note: Capacitors covered by this specification sheet are very susceptible to thermal shock damage due to their large ceramic mass. Temperature profiles used should provide adequate temperature rise and cool-down time to prevent damage from thermal shock.

Dimensions and configurations: See figure 1.

Case type: Encapsulated, vertically stacked.

Capacitance: See table I.

Capacitance tolerance: J = ± 5 percent, K = ± 10 percent, M = ± 20 percent.

Operating temperature range: -55°C to +125°C.

Voltage rating: See table I.

Dielectric types: BP, BQ, BR, and BX in accordance with MIL-PRF-49470.

Temperature coefficient: 0 ppm/°C ± 30 ppm/°C (BP), ± 15 percent (BQ, BR, BX).

Voltage-temperature limits: In accordance with MIL-PRF-49470.

Symbol	Capacitance change with reference to +25°C	
	Step A through step D of voltage-temperature limit cycle table of MIL-PRF-49470	Step E through step G of voltage-temperature limit cycle table of MIL-PRF-49470
BP	0 ppm/°C ± 30 ppm/°C	0 ppm/°C ± 30 ppm/°C
BQ	± 15 percent	+15, -50 percent
BR	± 15 percent	+15, -40 percent
BX	± 15 percent	+15, -25 percent

Marking: In accordance with MIL-PRF-49470.

Body insulation: In accordance with MIL-PRF-49470.

Solderability: The leads shall be solderable up to .050 inch (1.27 mm) from the seating plane.

TABLE I. Capacitor characteristics.

Part or Identifying Number (PIN) <u>1/</u>	Capacitance μF	Capacitance tolerance	Characteristic	Case code	Config.	Maximum A dimension inch (mm)
50 V						
-49470P05563-A-	0.056	J, K	BP	5	N, L, M, J, K	.270 (8.86)
-49470P05683-A-	0.068	J, K	BP	5	N, L, M, J, K	.390 (9.91)
-49470P05823-A-	0.082	J, K	BP	5	N, L, M, J, K	.390 (9.91)
-49470P05104-A-	0.1	J, K	BP	5	N, L, M, J, K	.390 (9.91)
-49470P05124-A-	0.12	J, K	BP	5	N, L, M, J, K	.530 (13.46)
-49470P05154-A-	0.15	J, K	BP	5	N, L, M, J, K	.530 (13.46)
-49470P05184-A-	0.18	J, K	BP	5	N, L, M, J, K	.660 (16.67)
-49470P05184-A-	0.18	J, K	BP	4	A, B, D, C, F	.390 (9.91)
-49470P05224-A-	0.22	J, K	BP	5	N, L, M, J, K	.660 (16.67)
-49470P05224-A-	0.22	J, K	BP	4	A, B, D, C, F	.390 (9.91)
-49470P05274-A-	0.27	J, K	BP	5	N, L, M, J, K	.800 (20.32)
-49470P05274-A-	0.27	J, K	BP	4	A, B, D, C, F	.390 (9.91)
-49470P05334-A-	0.33	J, K	BP	4	N, L, M, J, K	.530 (13.46)
-49470P05394-A-	0.39	J, K	BP	4	N, L, M, J, K	.660 (16.67)
-49470P05474-A-	0.47	J, K	BP	4	N, L, M, J, K	.660 (16.67)
-49470P05564-A-	0.56	J, K	BP	4	N, L, M, J, K	.800 (20.32)
-49470P05564-A-	0.56	J, K	BP	3	A, B, D, C, F	.390 (9.91)
-49470P05684-A-	0.68	J, K	BP	3	N, L, M, J, K	.390 (9.91)
-49470P05824-A-	0.82	J, K	BP	3	N, L, M, J, K	.390 (9.91)
-49470P05105-A-	1	J, K	BP	3	N, L, M, J, K	.530 (13.46)
-49470X05105-A-	1	K, M	BX	5	N, L, M, J, K	.270 (6.86)
-49470P05125-A-	1.2	J, K	BP	3	N, L, M, J, K	.530 (13.46)
-49470X05125-A-	1.2	K, M	BX	5	N, L, M, J, K	.270 (6.86)
-49470P05155-A-	1.5	J, K	BP	3	N, L, M, J, K	.600 (16.76)
-49470X05155-A-	1.5	K, M	BX	5	N, L, M, J, K	.390 (9.91)
-49470P05185-A-	1.8	J, K	BP	3	N, L, M, J, K	.660 (16.67)
-49470X05185-A-	1.8	K, M	BX	5	N, L, M, J, K	.390 (9.91)
-49470P05225-A-	2.2	J, K	BP	3	N, L, M, J, K	.800 (20.32)
-49470P05225-A-	2.2	J, K	BP	2	A, B, D, C, F	.390 (9.91)
-49470X05225-A-	2.2	K, M	BX	5	N, L, M, J, K	.390 (9.91)
-49470P05275-A-	2.7	J, K	BP	1	N, L, M, J, K	.530 (13.46)
-49470P05275-A-	2.7	J, K	BP	2	A, B, D, C, F	.390 (9.91)
-49470X05275-A-	2.7	K, M	BX	5	N, L, M, J, K	.530 (13.46)
-49470P05335-A-	3.3	J, K	BP	1	N, L, M, J, K	.660 (16.67)
-49470P05335-A-	3.3	J, K	BP	2	A, B, D, C, F	.530 (13.46)
-49470X05335-A-	3.3	K, M	BX	5	N, L, M, J, K	.530 (13.46)
-49470P05395-A-	3.9	J, K	BP	1	N, L, M, J, K	.660 (16.67)
-49470P05395-A-	3.9	J, K	BP	2	A, B, D, C, F	.660 (16.67)
-49470X05395-A-	3.9	K, M	BX	5	N, L, M, J, K	.660 (16.67)
-49470P05475-A-	4.7	J, K	BP	1	N, L, M, J, K	.800 (20.32)
-49470P05475-A-	4.7	J, K	BP	2	A, B, D, C, F	.660 (16.67)

See footnote at end of table.

TABLE I. Capacitor characteristics - Continued.

Part or Identifying Number (PIN) <u>1/</u>	Capacitance μF	Capacitance tolerance	Characteristic	Case code	Config.	Maximum A dimension inch (mm)
50 V						
-49470X05475-A-	4.7	K, M	BX	5	N, L, M, J, K	.660 (16.67)
-49470X05475-A-	4.7	K, M	BX	4	A, B, D, C, F	.390 (9.91)
-49470P05565-A-	5.6	J, K	BP	2	N, L, M, J, K	.800 (20.32)
-49470X05565-A-	5.6	K, M	BX	5	N, L, M, J, K	.800 (20.32)
-49470X05565-A-	5.6	K, M	BX	4	A, B, D, C, F	.390 (9.91)
-49470P05685-A-	6.8	J, K	BP	6	N, L, M, J, K	.530 (13.46)
-49470X05685-A-	6.8	K, M	BX	4	N, L, M, J, K	.530 (13.46)
-49470P05825-A-	8.2	J, K	BP	6	N, L, M, J, K	.530 (13.46)
-49470X05825-A-	8.2	K, M	BX	4	N, L, M, J, K	.530 (13.46)
-49470P05106-A-	10	J, K	BP	6	N, L, M, J, K	.660 (16.67)
-49470X05106-A-	10	K, M	BX	4	N, L, M, J, K	.660 (16.76)
-49470P05126-A-	12	J, K	BP	6	N, L, M, J, K	.660 (16.76)
-49470X05126-A-	12	K, M	BX	4	N, L, M, J, K	.660 (16.76)
-49470P05156-A-	15	J, K	BP	6	N, L, M, J, K	.800 (20.32)
-49470X05156-A-	15	K, M	BX	4	N, L, M, J, K	.800 (20.32)
-49470X05156-A-	15	K, M	BX	3	A, B, D, C, F	.390 (9.91)
-49470X05186-A-	18	K, M	BX	3	N, L, M, J, K	.390 (9.91)
-49470X05226-A-	22	K, M	BX	3	N, L, M, J, K	.530 (13.46)
-49470X05276-A-	27	K, M	BX	3	N, L, M, J, K	.530 (13.46)
-49470X05336-A-	33	K, M	BX	3	N, L, M, J, K	.530 (13.46)
-49470X05396-A-	39	K, M	BX	3	N, L, M, J, K	.660 (16.76)
-49470X05476-A-	47	K, M	BX	3	N, L, M, J, K	.800 (20.32)
-49470X05476-A-	47	K, M	BX	2	A, B, D, C, F	.390 (9.91)
-49470X05566-A-	56	K, M	BX	1	N, L, M, J, K	.530 (13.46)
-49470X05566-A-	56	K, M	BX	2	A, B, D, C, F	.390 (9.91)
-49470X05686-A-	68	K, M	BX	1	N, L, M, J, K	.660 (16.76)
-49470X05686-A-	68	K, M	BX	2	A, B, D, C, F	.530 (13.46)
-49470X05826-A-	82	K, M	BX	1	N, L, M, J, K	.660 (16.76)
-49470X05826-A-	82	K, M	BX	2	A, B, D, C, F	.530 (13.46)
-49470X05107-A-	100	K, M	BX	1	N, L, M, J, K	.800 (20.32)
-49470X05107-A-	100	K, M	BX	2	A, B, D, C, F	.660 (16.76)
-49470X05127-A-	120	K, M	BX	2	N, L, M, J, K	.660 (16.76)
-49470X05157-A-	150	K, M	BX	2	N, L, M, J, K	.800 (20.32)
-49470X05187-A-	180	K, M	BX	6	N, L, M, J, K	.660 (16.76)
-49470X05227-A-	220	K, M	BX	6	N, L, M, J, K	.660 (16.76)
-49470X05277-A-	270	K, M	BX	6	N, L, M, J, K	.800 (20.32)
100 V						
-49470P05473-B-	0.047	J, K	BP	5	N, L, M, J, K	.390 (9.91)
-49470P05563-B-	0.056	J, K	BP	5	N, L, M, J, K	.390 (9.91)
-49470P05683-B-	0.068	J, K	BP	5	N, L, M, J, K	.390 (9.91)
-49470P05823-B-	0.082	J, K	BP	5	N, L, M, J, K	.530 (13.46)

See footnote at end of table.

TABLE I. Capacitor characteristics - Continued.

Part or Identifying Number (PIN) ^{1/}	Capacitance μF	Capacitance tolerance	Characteristic	Case code	Config.	Maximum A dimension inch (mm)
100 V						
-49470P05104-B-	0.1	J, K	BP	5	N, L, M, J, K	.530 (13.46)
-49470P05124-B-	0.12	J, K	BP	5	N, L, M, J, K	.530 (13.46)
-49470P05154-B-	0.15	J, K	BP	5	N, L, M, J, K	.660 (16.76)
-49470P05154-B-	0.15	J, K	BP	4	A, B, D, C, F	.390 (9.91)
-49470P05184-B-	0.18	J, K	BP	5	N, L, M, J, K	.800 (20.32)
-49470P05184-B-	0.18	J, K	BP	4	A, B, D, C, F	.390 (9.91)
-49470P05224-B-	0.22	J, K	BP	5	N, L, M, J, K	.800 (20.32)
-49470P05224-B-	0.22	J, K	BP	4	A, B, D, C, F	.390 (9.91)
-49470P05274-B-	0.27	J, K	BP	4	N, L, M, J, K	.530 (13.46)
-49470P05334-B-	0.33	J, K	BP	4	N, L, M, J, K	.660 (16.76)
-49470P05394-B-	0.39	J, K	BP	4	N, L, M, J, K	.660 (16.76)
-49470P05474-B-	0.47	J, K	BP	4	N, L, M, J, K	.800 (20.32)
-49470P05474-B-	0.47	J, K	BP	3	A, B, D, C, F	.390 (9.91)
-49470P05564-B-	0.56	J, K	BP	4	N, L, M, J, K	.800 (20.32)
-49470P05564-B-	0.56	J, K	BP	3	A, B, D, C, F	.390 (9.91)
-49470P05684-B-	0.68	J, K	BP	3	N, L, M, J, K	.390 (9.91)
-49470X05684-B-	0.68	K, M	BX	5	N, L, M, J, K	.270 (6.86)
-49470P05824-B-	0.82	J, K	BP	3	N, L, M, J, K	.530 (13.46)
-49470X05824-B-	0.82	K, M	BX	5	N, L, M, J, K	.390 (9.91)
-49470P05105-B-	1	J, K	BP	3	N, L, M, J, K	.530 (13.46)
-49470X05105-B-	1	K, M	BX	5	N, L, M, J, K	.390 (9.91)
-49470P05125-B-	1.2	J, K	BP	3	N, L, M, J, K	.660 (16.76)
-49470X05125-B-	1.2	K, M	BX	5	N, L, M, J, K	.390 (9.91)
-49470P05155-B-	1.5	J, K	BP	3	N, L, M, J, K	.660 (16.76)
-49470X05155-B-	1.5	K, M	BX	5	N, L, M, J, K	.530 (13.46)
-49470P05185-B-	1.8	J, K	BP	3	N, L, M, J, K	.800 (20.32)
-49470P05185-B-	1.8	J, K	BP	2	A, B, D, C, F	.390 (9.91)
-49470X05185-B-	1.8	K, M	BX	5	N, L, M, J, K	.530 (13.46)
-49470P05225-B-	2.2	J, K	BP	1	N, L, M, J, K	.660 (16.76)
-49470X05225-B-	2.2	K, M	BX	5	N, L, M, J, K	.660 (16.76)
-49470X05225-B-	2.2	K, M	BX	4	A, B, D, C, F	.390 (9.91)
-49470P05275-B-	2.7	J, K	BP	1	N, L, M, J, K	.660 (16.76)
-49470X05275-B-	2.7	K, M	BX	5	N, L, M, J, K	.660 (16.76)
-49470P05335-B-	3.3	J, K	BP	1	N, L, M, J, K	.800 (20.32)
-49470P05335-B-	3.3	J, K	BP	2	A, B, D, C, F	.390 (9.91)
-49470X05335-B-	3.3	K, M	BX	5	N, L, M, J, K	.800 (20.32)
-49470X05335-B-	3.3	K, M	BX	4	A, B, D, C, F	.390 (9.91)
-49470P05395-B-	3.9	J, K	BP	2	N, L, M, J, K	.660 (16.76)
-49470X05395-B-	3.9	K, M	BX	4	N, L, M, J, K	.530 (13.46)
-49470P05475-B-	4.7	J, K	BP	2	N, L, M, J, K	.800 (20.32)
-49470X05475-B-	4.7	K, M	BX	4	N, L, M, J, K	.530 (13.46)

See footnote at end of table.

TABLE I. Capacitor characteristics - Continued.

Part or Identifying Number (PIN) <u>1/</u>	Capacitance μF	Capacitance tolerance	Characteristic	Case code	Config.	Maximum A dimension inch (mm)
100 V						
-49470P05565-B-	5.6	J, K	BP	6	N, L, M, J, K	.530 (13.46)
-49470X05565-B-	5.6	K, M	BX	4	N, L, M, J, K	.660 (16.76)
-49470P05685-B-	6.8	J, K	BP	6	N, L, M, J, K	.530 (13.46)
-49470X05685-B-	6.8	K, M	BX	4	N, L, M, J, K	.660 (16.76)
-49470P05825-B-	8.2	J, K	BP	6	N, L, M, J, K	.660 (16.76)
-49470X05825-B-	8.2	K, M	BX	4	N, L, M, J, K	.800 (20.32)
-49470X05825-B-	8.2	K, M	BX	3	A, B, D, C, F	.390 (9.91)
-49470P05106-B-	10	J, K	BP	6	N, L, M, J, K	.800 (20.32)
-49470X05106-B-	10	K, M	BX	3	N, L, M, J, K	.390 (9.91)
-49470P05126-B-	12	J, K	BP	6	N, L, M, J, K	.800 (20.32)
-49470X05126-B-	12	K, M	BX	3	N, L, M, J, K	.390 (9.91)
-49470X05156-B-	15	K, M	BX	3	N, L, M, J, K	.530 (13.46)
-49470X05186-B-	18	K, M	BX	3	N, L, M, J, K	.530 (13.46)
-49470X05226-B-	22	K, M	BX	3	N, L, M, J, K	.660 (16.76)
-49470X05276-B-	27	K, M	BX	3	N, L, M, J, K	.800 (20.32)
-49470X05276-B-	27	K, M	BX	2	A, B, D, C, F	.390 (9.91)
-49470X05336-B-	33	K, M	BX	1	N, L, M, J, K	.530 (13.46)
-49470X05336-B-	33	K, M	BX	2	A, B, D, C, F	.390 (9.91)
-49470X05396-B-	39	K, M	BX	1	N, L, M, J, K	.660 (16.76)
-49470X05396-B-	39	K, M	BX	2	A, B, D, C, F	.530 (13.46)
-49470X05476-B-	47	K, M	BX	1	N, L, M, J, K	.660 (16.76)
-49470X05476-B-	47	K, M	BX	2	A, B, D, C, F	.530 (13.46)
-49470X05566-B-	56	K, M	BX	1	N, L, M, J, K	.800 (20.32)
-49470X05686-B-	68	K, M	BX	2	N, L, M, J, K	.660 (16.76)
-49470X05826-B-	82	K, M	BX	2	N, L, M, J, K	.800 (20.32)
-49470X05107-B-	100	K, M	BX	6	N, L, M, J, K	.530 (13.46)
-49470X05127-B-	120	K, M	BX	6	N, L, M, J, K	.530 (13.46)
-49470X05157-B-	150	K, M	BX	6	N, L, M, J, K	.660 (16.76)
-49470X05187-B-	180	K, M	BX	6	N, L, M, J, K	.800 (20.32)
200V						
-49470P05223-C-	0.022	J, K	BP	5	N, L, M, J, K	.270 (6.86)
-49470P05273-C-	0.027	J, K	BP	5	N, L, M, J, K	.390 (9.91)
-49470P05333-C-	0.033	J, K	BP	5	N, L, M, J, K	.390 (9.91)
-49470P05393-C-	0.039	J, K	BP	5	N, L, M, J, K	.390 (9.91)
-49470P05473-C-	0.047	J, K	BP	5	N, L, M, J, K	.530 (13.46)
-49470P05563-C-	0.056	J, K	BP	5	N, L, M, J, K	.530 (13.46)
-49470P05683-C-	0.068	J, K	BP	5	N, L, M, J, K	.660 (16.76)
-49470P05683-C-	0.068	J, K	BP	4	A, B, D, C, F	.270 (6.86)
-49470P05823-C-	0.082	J, K	BP	5	N, L, M, J, K	.800 (20.32)
-49470P05823-C-	0.082	J, K	BP	4	A, B, D, C, F	.390 (9.91)

See footnote at end of table.

TABLE I. Capacitor characteristics - Continued.

Part or Identifying Number (PIN) ^{1/}	Capacitance μF	Capacitance tolerance	Characteristic	Case code	Config.	Maximum A dimension inch (mm)
200 V						
-49470P05104-C-	0.1	J, K	BP	5	N, L, M, J, K	.800 (20.32)
-49470P05104-C-	0.1	J, K	BP	4	A, B, D, C, F	.390 (9.91)
-49470P05124-C-	0.12	J, K	BP	4	N, L, M, J, K	.530 (13.46)
-49470P05154-C-	0.15	J, K	BP	4	N, L, M, J, K	.530 (13.46)
-49470P05184-C-	0.18	J, K	BP	4	N, L, M, J, K	.660 (16.76)
-49470P05224-C-	0.22	J, K	BP	4	N, L, M, J, K	.800 (20.32)
-49470P05274-C-	0.27	J, K	BP	4	N, L, M, J, K	.800 (20.32)
-49470P05274-C-	0.27	J, K	BP	3	A, B, D, C, F	.390 (9.91)
-49470P05334-C-	0.33	J, K	BP	3	N, L, M, J, K	.390 (9.91)
-49470P05394-C-	0.39	J, K	BP	3	N, L, M, J, K	.390 (9.91)
-49470P05474-C-	0.47	J, K	BP	3	N, L, M, J, K	.530 (13.46)
-49470R05474-C-	0.47	K, M	BR	5	N, L, M, J, K	.390 (9.91)
-49470P05564-C-	0.56	J, K	BP	3	N, L, M, J, K	.530 (13.46)
-49470R05564-C-	0.56	K, M	BR	5	N, L, M, J, K	.390 (9.91)
-49470P05684-C-	0.68	J, K	BP	3	N, L, M, J, K	.660 (16.76)
-49470R05684-C-	0.68	K, M	BR	5	N, L, M, J, K	.530 (13.46)
-49470P05824-C-	0.82	J, K	BP	3	N, L, M, J, K	.800 (20.32)
-49470P05824-C-	0.82	J, K	BP	2	A, B, D, C, F	.390 (9.91)
-49470R05824-C-	0.82	K, M	BR	5	N, L, M, J, K	.530 (13.46)
-49470P05105-C-	1	J, K	BP	3	N, L, M, J, K	.800 (20.32)
-49470P05105-C-	1	J, K	BP	2	A, B, D, C, F	.390 (9.91)
-49470R05105-C-	1	K, M	BR	5	N, L, M, J, K	.660 (16.76)
-49470R05105-C-	1	K, M	BR	4	A, B, D, C, F	.270 (6.86)
-49470P05125-C-	1.2	J, K	BP	1	N, L, M, J, K	.660 (16.76)
-49470P05125-C-	1.2	J, K	BP	2	A, B, D, C, F	.530 (13.46)
-49470R05125-C-	1.2	K, M	BR	5	N, L, M, J, K	.660 (16.76)
-49470R05125-C-	1.2	K, M	BR	4	A, B, D, C, F	.390 (9.91)
-49470P05155-C-	1.5	J, K	BP	1	N, L, M, J, K	.660 (16.76)
-49470P05155-C-	1.5	J, K	BP	2	A, B, D, C, F	.530 (13.46)
-49470R05155-C-	1.5	K, M	BR	5	N, L, M, J, K	.800 (20.32)
-49470R05155-C-	1.5	K, M	BR	4	A, B, D, C, F	.390 (9.91)
-49470P05185-C-	1.8	J, K	BP	1	N, L, M, J, K	.800 (20.32)
-49470P05185-C-	1.8	J, K	BP	2	A, B, D, C, F	.660 (16.76)
-49470R05185-C-	1.8	K, M	BR	4	N, L, M, J, K	.530 (13.46)
-49470P05225-C-	2.2	J, K	BP	2	N, L, M, J, K	.660 (16.76)
-49470R05225-C-	2.2	K, M	BR	4	N, L, M, J, K	.530 (13.46)
-49470P05275-C-	2.7	J, K	BP	2	N, L, M, J, K	.800 (20.32)
-49470R05275-C-	2.7	K, M	BR	4	N, L, M, J, K	.660 (16.76)
-49470P05335-C-	3.3	J, K	BP	6	N, L, M, J, K	.530 (13.46)
-49470R05335-C-	3.3	K, M	BR	4	N, L, M, J, K	.660 (16.76)
-49470P05395-C-	3.9	J, K	BP	6	N, L, M, J, K	.530 (13.46)

See footnote at end of table.

TABLE I. Capacitor characteristics - Continued.

Part or Identifying Number (PIN) <u>1/</u>	Capacitance μF	Capacitance tolerance	Characteristic	Case code	Config.	Maximum A dimension inch (mm)
200 V						
-49470R05395-C-	3.9	K, M	BR	4	N, L, M, J, K	.800 (20.32)
-49470R05395-C-	3.9	K, M	BR	3	A, B, D, C, F	.390 (9.91)
-49470P05475-C-	4.7	J, K	BP	6	N, L, M, J, K	.660 (16.76)
-49470R05475-C-	4.7	K, M	BR	3	N, L, M, J, K	.390 (9.91)
-49470P05565-C-	5.6	J, K	BP	6	N, L, M, J, K	.800 (20.32)
-49470R05565-C-	5.6	K, M	BR	3	N, L, M, J, K	.390 (9.91)
-49470R05685-C-	6.8	K, M	BR	3	N, L, M, J, K	.530 (13.46)
-49470R05825-C-	8.2	K, M	BR	3	N, L, M, J, K	.530 (13.46)
-49470R05106-C-	10	K, M	BR	3	N, L, M, J, K	.660 (16.76)
-49470R05126-C-	12	K, M	BR	3	N, L, M, J, K	.800 (20.32)
-49470R05126-C-	12	K, M	BR	2	A, B, D, C, F	.390 (9.91)
-49470R05156-C-	15	K, M	BR	1	N, L, M, J, K	.530 (13.46)
-49470R05156-C-	15	K, M	BR	2	A, B, D, C, F	.390 (9.91)
-49470R05186-C-	18	K, M	BR	1	N, L, M, J, K	.660 (16.76)
-49470R05186-C-	18	K, M	BR	2	A, B, D, C, F	.530 (13.46)
-49470R05226-C-	22	K, M	BR	1	N, L, M, J, K	.800 (20.32)
-49470R05226-C-	22	K, M	BR	2	A, B, D, C, F	.530 (13.46)
-49470R05276-C-	27	K, M	BR	1	N, L, M, J, K	.800 (20.32)
-49470R05276-C-	27	K, M	BR	2	A, B, D, C, F	.660 (16.76)
-49470R05336-C-	33	K, M	BR	2	N, L, M, J, K	.660 (16.76)
-49470R05396-C-	39	K, M	BR	2	N, L, M, J, K	.800 (20.32)
-49470R05476-C-	47	K, M	BR	6	N, L, M, J, K	.390 (9.91)
-49470R05566-C-	56	K, M	BR	6	N, L, M, J, K	.530 (13.46)
-49470R05686-C-	68	K, M	BR	6	N, L, M, J, K	.530 (13.46)
-49470R05826-C-	82	K, M	BR	6	N, L, M, J, K	.660 (16.76)
-49470R05107-C-	100	K, M	BR	6	N, L, M, J, K	.800 (20.32)
-49470R05127-C-	120	K, M	BR	6	N, L, M, J, K	.800 (20.32)
500V						
-49470P05103-E-	0.01	J, K	BP	5	N, L, M, J, K	.270 (6.86)
-49470P05123-E-	0.012	J, K	BP	5	N, L, M, J, K	.390 (9.91)
-49470P05153-E-	0.015	J, K	BP	5	N, L, M, J, K	.390 (9.91)
-49470P05183-E-	0.018	J, K	BP	5	N, L, M, J, K	.390 (9.91)
-49470P05223-E-	0.022	J, K	BP	5	N, L, M, J, K	.530 (13.46)
-49470P05273-E-	0.027	J, K	BP	5	N, L, M, J, K	.530 (13.46)
-49470P05333-E-	0.033	J, K	BP	5	N, L, M, J, K	.660 (16.76)
-49470P05333-E-	0.033	J, K	BP	4	A, B, D, C, F	.390 (9.91)
-49470P05393-E-	0.039	J, K	BP	5	N, L, M, J, K	.660 (16.76)
-49470P05393-E-	0.039	J, K	BP	4	A, B, D, C, F	.390 (9.91)
-49470P05473-E-	0.047	J, K	BP	5	N, L, M, J, K	.800 (20.32)
-49470P05473-E-	0.047	J, K	BP	4	A, B, D, C, F	.530 (13.46)
-49470P05563-E-	0.056	J, K	BP	4	N, L, M, J, K	.530 (13.46)

See footnote at end of table.

TABLE I. Capacitor characteristics - Continued.

Part or Identifying Number (PIN) ^{1/}	Capacitance μF	Capacitance tolerance	Characteristic	Case code	Config.	Maximum A dimension inch (mm)
500 V						
-49470P05683-E-	0.068	J, K	BP	4	N, L, M, J, K	.660 (16.76)
-49470P05823-E-	0.082	J, K	BP	4	N, L, M, J, K	.800 (20.32)
-49470P05104-E-	0.1	J, K	BP	4	N, L, M, J, K	.800 (20.32)
-49470P05124-E-	0.12	J, K	BP	4	N, L, M, J, K	.800 (20.32)
-49470P05124-E-	0.12	J, K	BP	3	A, B, D, C, F	.390 (9.91)
-49470P05154-E-	0.15	J, K	BP	3	N, L, M, J, K	.390 (9.91)
-49470Q05154-E-	0.15	K, M	BQ	5	N, L, M, J, K	.270 (6.86)
-49470P05184-E-	0.18	J, K	BP	3	N, L, M, J, K	.390 (9.91)
-49470Q05184-E-	0.18	K, M	BQ	5	N, L, M, J, K	.390 (9.91)
-49470P05224-E-	0.22	J, K	BP	3	N, L, M, J, K	.530 (13.46)
-49470Q05224-E-	0.22	K, M	BQ	5	N, L, M, J, K	.390 (9.91)
-49470P05274-E-	0.27	J, K	BP	3	N, L, M, J, K	.530 (13.46)
-49470Q05274-E-	0.27	K, M	BQ	5	N, L, M, J, K	.390 (9.91)
-49470P05334-E-	0.33	J, K	BP	3	N, L, M, J, K	.660 (16.76)
-49470Q05334-E-	0.33	K, M	BQ	5	N, L, M, J, K	.530 (13.46)
-49470P05394-E-	0.39	J, K	BP	3	N, L, M, J, K	.800 (20.32)
-49470P05394-E-	0.39	J, K	BP	2	A, B, D, C, F	.390 (9.91)
-49470Q05394-E-	0.39	K, M	BQ	5	N, L, M, J, K	.530 (13.46)
-49470P05474-E-	0.47	J, K	BP	1	N, L, M, J, K	.530 (13.46)
-49470P05474-E-	0.47	J, K	BP	2	A, B, D, C, F	.390 (9.91)
-49470Q05474-E-	0.47	K, M	BQ	5	N, L, M, J, K	.530 (13.46)
-49470P05564-E-	0.56	J, K	BP	1	N, L, M, J, K	.660 (16.76)
-49470P05564-E-	0.56	J, K	BP	2	A, B, D, C, F	.530 (13.46)
-49470Q05564-E-	0.56	K, M	BQ	5	N, L, M, J, K	.660 (16.76)
-49470Q05564-E-	0.56	K, M	BQ	4	A, B, D, C, F	.390 (9.91)
-49470P05684-E-	0.68	J, K	BP	1	N, L, M, J, K	.660 (16.76)
-49470P05684-E-	0.68	J, K	BP	2	A, B, D, C, F	.530 (13.46)
-49470Q05684-E-	0.68	K, M	BQ	5	N, L, M, J, K	.800 (20.32)
-49470Q05684-E-	0.68	K, M	BQ	4	A, B, D, C, F	.390 (9.91)
-49470P05824-E-	0.82	J, K	BP	1	N, L, M, J, K	.800 (20.32)
-49470P05824-E-	0.82	J, K	BP	2	A, B, D, C, F	.660 (16.76)
-49470Q05824-E-	0.82	K, M	BQ	4	N, L, M, J, K	.530 (13.46)
-49470P05105-E-	1	J, K	BP	2	N, L, M, J, K	.660 (16.76)
-49470Q05105-E-	1	K, M	BQ	4	N, L, M, J, K	.530 (13.46)
-49470P05125-E-	1.2	J, K	BP	2	N, L, M, J, K	.800 (20.32)
-49470Q05125-E-	1.2	K, M	BQ	4	N, L, M, J, K	.530 (13.46)
-49470P05155-E-	1.5	J, K	BP	6	N, L, M, J, K	.530 (13.46)
-49470Q05155-E-	1.5	K, M	BQ	4	N, L, M, J, K	.660 (16.76)
-49470P05185-E-	1.8	J, K	BP	6	N, L, M, J, K	.660 (16.76)
-49470Q05185-E-	1.8	K, M	BQ	4	N, L, M, J, K	.800 (20.32)
-49470Q05185-E-	1.8	K, M	BQ	3	A, B, D, C, F	.390 (9.91)

See footnote at end of table.

TABLE I. Capacitor characteristics - Continued.

Part or Identifying Number (PIN) ^{1/}	Capacitance μF	Capacitance tolerance	Characteristic	Case code	Config.	Maximum A dimension inch (mm)
500 V						
-49470P05225-E-	2.2	J, K	BP	6	N, L, M, J, K	.800 (20.32)
-49470Q05225-E-	2.2	K, M	BQ	3	N, L, M, J, K	.390 (9.91)
-49470Q05275-E-	2.7	K, M	BQ	3	N, L, M, J, K	.530 (13.46)
-49470Q05335-E-	3.3	K, M	BQ	3	N, L, M, J, K	.530 (13.46)
-49470Q05395-E-	3.9	K, M	BQ	3	N, L, M, J, K	.530 (13.46)
-49470Q05475-E-	4.7	K, M	BQ	3	N, L, M, J, K	.660 (16.76)
-49470Q05565-E-	5.6	K, M	BQ	3	N, L, M, J, K	.800 (20.32)
-49470Q05565-E-	5.6	K, M	BQ	2	A, B, D, C, F	.390 (9.91)
-49470Q05685-E-	6.8	K, M	BQ	1	N, L, M, J, K	.660 (16.76)
-49470Q05685-E-	6.8	K, M	BQ	2	A, B, D, C, F	.390 (9.91)
-49470Q05825-E-	8.2	K, M	BQ	1	N, L, M, J, K	.660 (16.76)
-49470Q05825-E-	8.2	K, M	BQ	2	A, B, D, C, F	.530 (13.46)
-49470Q05106-E-	10	K, M	BQ	1	N, L, M, J, K	.660 (16.76)
-49470Q05106-E-	10	K, M	BQ	2	A, B, D, C, F	.530 (13.46)
-49470Q05126-E-	12	K, M	BQ	1	N, L, M, J, K	.800 (20.32)
-49470Q05126-E-	12	K, M	BQ	2	A, B, D, C, F	.660 (16.76)
-49470Q05156-E-	15	K, M	BQ	2	N, L, M, J, K	.800 (20.32)
-49470Q05186-E-	18	K, M	BQ	2	N, L, M, J, K	.800 (20.32)
-49470Q05226-E-	22	K, M	BQ	6	N, L, M, J, K	.530 (13.46)
-49470Q05276-E-	27	K, M	BQ	6	N, L, M, J, K	.530 (13.46)
-49470Q05336-E-	33	K, M	BQ	6	N, L, M, J, K	.660 (16.76)
-49470Q05396-E-	39	K, M	BQ	6	N, L, M, J, K	.800 (20.32)

^{1/} Complete PIN shall include additional symbols to indicate product level (M for B level, or T for T level), capacitance tolerance and configuration.

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

Custodians:

Army - CR
Navy - EC
Air Force - 11
NASA - NA
DLA - CC

Review activities:

Army - AR, AT, AV, CR4, MI
Navy - MC
Air Force - 19, 99

Preparing activity:

Army - CR

Agent:
DLA - CC

(Project 5910-2105)